



ADDENDUM No. 1

CITY OF MILPITAS MILPITAS, CALIFORNIA ENGINEERING DIVISION

CONTRACT DOCUMENTS AND SPECIFICATIONS FOR

Well Upgrade, McCandless Well (Below Ground Facilities)

PROJECT NO. 7076

Date: December 2, 2019

To: Plan Holders - Prospective Bidders of the subject project

From: Steve Erickson, P.E.
Engineering Director/City Engineer

Attached is Addendum #1 for the subject project. This addendum forms a part of the Contract Documents and modifies the Bid Documents as noted below. Acknowledgement of receipt of this addendum in the space provided in the Proposal is required. Failure to acknowledge an addendum may subject the bidder to disqualification.

At 2:00 p.m. on December 6, 2019, all bidders will submit their bids as set forth in bid documents and as amended by the following:

ADDENDUM No. 1

ADDITIONAL INFORMATION

1. For information, enclosed are the sign-in sheets and agenda issued at the mandatory pre-bid meetings on November 19, 2019 and November 22, 2019. A total of five (5) prospective bidders attended the pre-bid meetings. Bids will not be accepted from contractors that did not attend one of the pre-bid meetings. See Exhibit A for sign-in sheets and pre-bid meeting agenda.

RESPONSE TO RFI

1. Can materials be ordered based off of the preliminary design in the specifications or will the Contractor be required to wait to order materials until the pilot boring ELog is completed and reviewed?
Response: Order of materials prior to Engineer's approval (with the City's concurrence) is at Contractor's own risk. Per Technical Specification Section 2.06 C, page Technical Specifications - 20, the final design of the well may take up to three working days after the Engineer's receipt of the geophysical logs and sieve test results, exclusive of weekends and holidays. Contractor may order materials before the final design is completed by the Engineer, but the City's payment for materials used for well construction shall be based on the final design. No additional payment shall be made by the City for materials not used in the final design.
2. Can the Contractor fill the pilot borehole with gravel during the period between end of pilot borehole drilling and start of ream while the Engineer and City are finalizing the design?
Response: The Contractor cannot fill the pilot borehole with gravel during the period between end of pilot borehole drilling and start of ream while the Engineer and City are finalizing the design.
3. What is the engineer's estimate?
Response: See "Specifications" below.
4. What is the expected job start date?
Response: Per the pre-bid meeting agenda, page 2 of 5, and as discussed during the pre-bid meetings, Notice of Award is expected in January 2020. The expected issuance of Notice to Proceed, in relation to the Notice of Award is noted on Section 00 73 13 – Special Conditions, 1.15, page 114. Notice to Proceed is dependent on Contractor completing required submittals noted under Technical Specifications Section 1.03, starting on page Technical Specifications – 2. Per Section 00 52 13 – Contract, page 37, the work shall be completed in 141 Calendar Days from Notice of Award.
5. May a magmeter flowmeter be utilized vs a propeller type for test pumping?
Response: See "Specifications" below.

6. There doesn't appear to be a line item for the well head pedestal; where should this be included?
Response: The bid price for the surface completion features is included in Bid Item No. 26, Site Cleanup.
7. Are there additional, detailed specs for the well head pedestal that coincide with Exhibit 3, drawing 3, sheet 3 of 4?
Response: The specifications for the surface completion features described on Exhibit 3 is under Technical Specifications Section 2.16, page Technical Specifications - 38.

SPECIFICATIONS

1. Section 00 11 16 – Notice Inviting Bids

Last sentence under last paragraph: Shall be revised to read as follows:

“The Engineer’s Estimate for the work is between \$750,000 to \$1,000,000.”

2. Technical Specifications Section 2.11 – Well Development (Bid Items No. 16 Through 20)

Item 2.11, C-2b(3): Shall be revised to read as follows:

“3) 1 each – Flow meter, propeller type, with direct flow rate and totalized flow readout or other approved device. Meter installation shall include a minimum of 10 upstream and 5 downstream pipe diameters of straight piping without bends, valves, or fittings or as recommended by manufacturer.”

END OF ADDENDUM No. 1

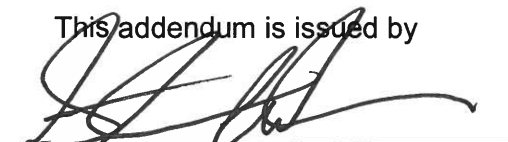
This addendum shall be signed by each bidder and kept for their files. Acknowledgement of receipt of this addendum in the space provided in the Proposal is required. Failure to acknowledge an addendum may subject the bidder to disqualification.

I,

representing

have carefully read this addendum, understand it, acknowledge receipt of this addendum and will comply its terms.

This addendum is issued by



Steve Erickson, P.E.
Engineering Director/City Engineer



Date

EXHIBIT A

SIGN IN SHEETS & PRE-BID MEETING AGENDA

Well Upgrade, McCandless (Below Ground Facilities), Project No. 7076
Pre-bid Meeting, November 19, 2019 at 2:00 pm

Name	Company	Contractor Lic. #	Phone	Email
1) JEFF ROSS	NOX-CAL PUMP & WELL		559-536-5022	jeff@noxcalpump.com
2) JEFF PARKS	Magliola Bros. Drilling		831-724-1338	watsonville@magliolabros.com
3) DAVE MAGGIOLA	Magliola Bros. Drilling		831-724-1338	watsonville@magliolabros.com
4) Wes Zimmerer	Zim Industries, Inc.	440537	559-834-1551	wes@zimindustries.com
5) Bob Zimmerer	Zim Industries, Inc.	440537	(559) 834-1551	bob@zimindustries.com
6) MAREN SCHRAM	COM			
7) KEN LOY	WEST YOST			
8) GLEN WONG	COM			
9) HAKIS SIDDIQUI	COM			
10)				
11)				
12)				
13)				
14)				
15)				

Well Upgrade, McCandless (Below Ground Facilities), Project No. 7076
Pre-bid Meeting, November 22, 2019 at 10:00 am

Name	Company	Contractor Lic. #	Phone	Email
1) Justin Beardon	Radrunner Drilling		530 419 9452	Justin@rdpumpco.nc.com
2) Wes Lockard	Pacific Coast Well Drilling		805-468-9999	wes@pcweldrilling.com
3) Ken Loy	West Yost		530 797-3276	Kloy@westyost.com
4) Stan Camp	CopM		408-640-3417	
5) Glenn Wang	COM			
6) Mason Schram	COM			
7)				
8)				
9)				
10)				
11)				
12)				
13)				
14)				
15)				



City of Milpitas Engineering Division

455 E. Calaveras Boulevard
Milpitas, CA 95035

Pre-Bid Meeting Agenda

Well Upgrade, McCandless Well (Below Ground Facilities), Project No. 7076

Pre-Bid Meetings:

- 1st meeting November 19, 2019 at 2pm, Project site parking lot
- 2nd meeting November 22, 2019 at 10am, Project site parking lot

1. INTRODUCTIONS

- a. **Abbreviations:** GC = General Conditions, SC = Special Conditions, GR = General Requirements, TS = Technical Specifications
- b. **Pre-Bid Conference Meetings (See Notice Inviting Bids):**
 - i. Contractors bidding on this project shall attend one of the mandatory pre-bid conference meetings prior to bidding.
 - ii. **Bids will not be accepted from any bidders who did not attend one of the mandatory pre-bid conference meetings. Please sign-in on the sign-in sheet so we may verify attendance.**
- c. Plan Holders List, Plans and Specs can be purchased from Prints Charles Reprographics, 1643 S Main St, Milpitas CA 95035, phone (408) 240-3330
www.printscharlesrepro.com or incoming@printscharlesrepro.com

2. LICENSING REQUIREMENTS & CONTRACTOR REGISTRATION

- a. C-57 Water Well Contractor's License for all well drilling and construction activities, and a Class A General Engineering Contractor's License or a C-8 Concrete Contractor's License and a C12 Earthwork and Paving Contractor's License for raising the grade at the well pad and constructing the well pad (See Notice Inviting Bids).
- b. Contractors and Subcontractors shall be registered with the Department of Industrial Relations pursuant to Labor Code Section 1725.5 (See GC-Article 31).

3. PROJECT OVERVIEW

Summary: Well Upgrade, McCandless Well (Below Ground Facilities) - The work includes drilling one 12-inch diameter pilot borehole using reverse circulation rotary drilling, collecting and logging formation samples, performing grain size analysis on formation samples, and performing geophysical and caliper logging. The information obtained during these activities will be used by the Engineer to develop the final design for the municipal well. After receiving written instructions on the final design of the municipal well, the work will be resumed by reaming the pilot borehole to 26-inch diameter, performing a caliper log of the reamed hole, and constructing a fully functional municipal potable water supply well with 16 inch diameter casing and screen and a minimum production capacity of 1,000 gpm. The work also includes raising the grade at the well pad and constructing the 7-foot by 7-foot concrete well pad.

- a. Bid Forms (Pages 13 - 36) includes 28 bid items for the Total Base Bid Price.
- b. Project Area (See SC-1.3 and TS-Exhibit 1-attached)
 - i. Santa Clara Valley Water District. East Penitencia Creek.
 - ii. Pacific Gas & Electric (PG&E). 50' easement and high-pressure gas pipeline. Letter from PG&E with safety requirements (see TS-Attachment E).
 - iii. Milpitas Unified School District (School District) elementary school and upcoming school construction.
 - iv. Residential areas.
 - v. Future City park and production well (above-ground facilities) projects construction.
- c. Project site within flood zone.
- d. Anticipated Hydrogeologic Conditions; see TS-1.05. Flowing artesian conditions from City test hole project; see TS-Attachment F.
- e. Soil Management Requirements. Naturally occurring asbestos. Soil Management Plan; see TS-Attachment A. Site specific Health and Safety Plan in SC-1.11; sample in TS-Attachment A.
- f. Overview of Work to be Performed (see TS-1.09)
 - i. Temporary fencing, access road and sign required (Bid Item 1). Contractor to ensure site is secured at all times.
 - ii. Temporary sound attenuation (Bid Item 2)
 - iii. Well Drilling and Construction (Bid Items 3 thru 15)
 - iv. Well Development (Bid Items 16 thru 20)
 - v. Production Testing (Bid Items 21 and 22)
 - vi. Post Production Testing (Bid Items 23 thru 28)
- g. Performance Requirements (see TS-2.19)
- h. Services Provided by City (see TS-1.10)
 - i. Engineer to stake well location
 - ii. Engineer to provide Contractor with written instructions for the final design of the well.
- i. Water Supply for Well (see TS-1.11). Use of potable water for well drilling and construction.
- j. Discharge of Water Generated during Drilling (see TS-1.12)
 - i. May discharge to Penitencia Creek provided comply with State and City requirements; see TS-Attachments C & D.
 - ii. Required monitoring and recording discharge records.

4. **BID DATE: December 6, 2016 at 2:00 PM**

- a. Bidders wishing to submit bids **should review Instructions to Bidders.**

5. **CONTRACT TIME FOR COMPLETION, LIQUIDATED DAMAGES, HOURS OF WORK, PROJECT COMPLETION**

- a. Time for Completion: **141 Calendar Days** from Notice of Award (See Contract). Notice of Award expected January 2020.
- b. **\$1,000 for each calendar day the contract remains incomplete after the specified time** (See SC-1.8).
- c. Construction activities may occur between 7:00 am and 7:00 pm Monday thru Sunday (calendar days) except specific holidays. No work permitted on the following holidays: New Year's Day; Memorial Day; Independence Day; Labor Day;

Thanksgiving Day; and Christmas Day (See GR-3.2). Conforms to City Noise Ordinance.

- d. Construction Schedule Requirements and advance, written approval for modified construction schedule (24-hour operation) (see TS-1.08).
- e. Inspection during normal City working hours are Monday through Friday from 7:00 am to 3:30 pm. Contractor to give a minimum 2 days' notice to the Engineer for any work scheduled outside of the normal City working hours (See GC-Article 28). City defined holidays; see GC-Article 1.
- f. Final Acceptance and Payment requirements (See GC-Article 43)
- g. Warranty and Guarantee of Work requirements (See GC-Article 46)

6. SUBMITTALS (See TS-1.03)

7. LOCAL CONDITIONS AND REQUIREMENTS (See GR-3.10)

- a. Access to Work and Haul Routes. A truck route/haul route plan is required for use of overweight equipment within the City. City approved truck route map in Appendix A.
- b. Construction Water
 - i. Recycled water for general construction activities and potable water for well drilling and construction.
 - ii. Construction water meters for recycled and potable water uses required and can be obtained from City Hall. \$2,000 deposit (for each meter) from which the meter rental fees and costs of water will be deducted.
 - iii. Process, forms and fill station map within City limits in Appendix A.
- c. Maintenance of Access and Public Coordination. Vehicular and pedestrian access shall be maintained at all times. Contractor to provide 2-Weeks, 1-Week, and 24-Hour notices to affected residents prior to beginning any work.
- d. Environmental Mitigation and Monitoring; see Appendix B.
- e. Dust and Pollution Control. Dust control required.
- f. Management of Storm, Surface and Other Waters. Implement Blueprint for a Clean Bay, Best Management Practices for the Construction Industry.

8. INSPECTION & TESTING

- a. All materials and work under this contract subject to inspection.
- b. Contractor to notify Engineer 2 working days in advance of any work to be done, in order that inspection may be provided (See GC-Article 24).

9. SUBCONTRACTING & PREVAILING WAGE

- a. Prime Contractor shall perform at least 51% of work (See Instruction to Bidders).
- b. List of Subcontractor's shall be completed and submitted with bid. All requested subcontractor information shall be submitted (See Bid Forms).
- c. The project is subject to compliance monitoring and enforcement by the Department of Industrial Relations (See GC-Article 29).
- d. Contractor and all Subcontractors are required to submit certified payroll to Department of Industrial Relations. Contractor to send copies of certified payroll sent to Department of Industrial Relations to the City with each invoice or request for progress payment (See GC-Article 29).

- e. Contractor and all Subcontractors performing work on this job shall pay prevailing wage and comply with the requirements of the California Labor Code (See GC-Article 30).

10. **BID GUARANTEE**

- a. Bid Security at 10% of submitted Total Bid Price (see Instructions to Bidders).

11. **INSURANCE & BONDING & REQUIREMENTS**

- a. Liability Insurance (see GC-Article 36)
- b. Performance bond and payment bond each at 100% of contract price (see Instruction to Bidders)

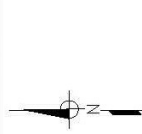
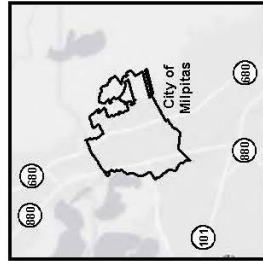
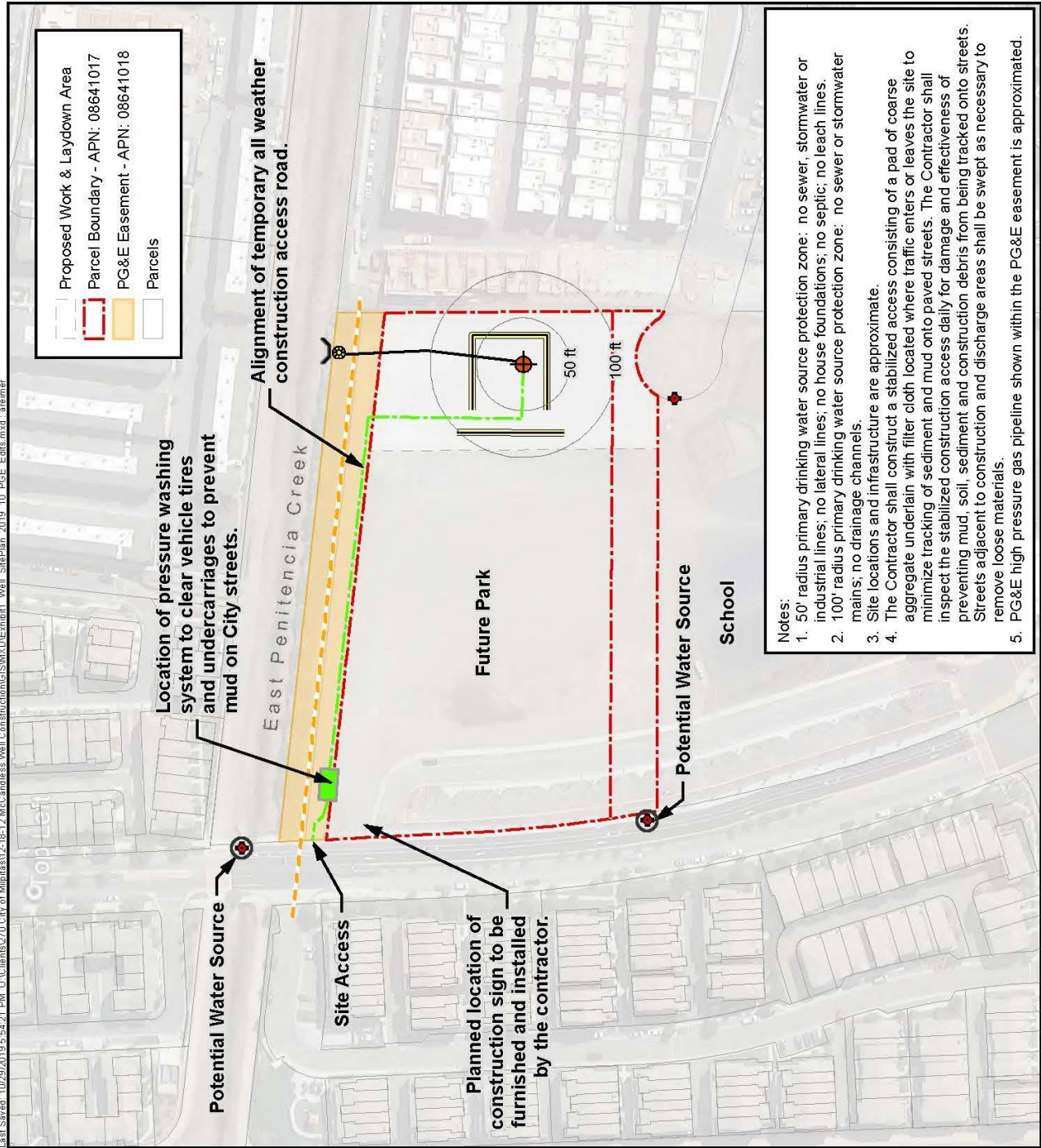
12. **COMMUNICATION**

The following contact and address should be used for project information:

City of Milpitas
Engineering Division
455 East Calaveras Blvd.
Milpitas, CA 95035
Attn: Maren Schram
(408) 586-3315 or mschram@ci.milpitas.ca.gov

13. **QUESTIONS**

- a. Refer questions in writing.
- b. Last day for Addenda 11/27/19; Addenda Response 12/3/2019; 72 hours prior to 12/6/19 Bid Opening (see Instructions to Bidders)



Symbology

- Approximate Well Location
- Existing Fire Hydrant
- Existing Manhole
- Existing Storm Drain Outfall
- Temporary Discharge Pipeline
- Approximate Layout of Temporary Sound Barrier
- PG&E Gas Line (See Note 5)



WEST YOST
ASSOCIATES

Exhibit 1

Well Site Plan

City of Milpitas
McCandless Park Well
Technical Specifications